

Title (en)
Liquid container and liquid container package

Title (de)
Flüssigkeitsbehälter und Flüssigkeitsbehälterpackung

Title (fr)
Conteneur de liquide et paquet conteneur de liquide

Publication
EP 1839879 A3 20081112 (EN)

Application
EP 07105184 A 20070329

Priority
JP 2006099816 A 20060331

Abstract (en)
[origin: EP1839879A2] When a package in which a tank (1) is wrapped is opened, caused is an action of reversing vertical positions of an end face of the tank (1) having an ink supply portion (10), and an end face opposite to the foregoing end face. Along with this action, air existing inside the tank (1) ascends, and then is separated by air separating portions. Thus, a coloring material component inside the tank is stirred.

IPC 8 full level
B41J 2/175 (2006.01)

CPC (source: EP US)
B41J 2/17513 (2013.01 - EP US)

Citation (search report)

- [X] JP 2006044153 A 20060216 - SEIKO EPSON CORP
- [XY] EP 1602489 A2 20051207 - CANON KK [JP]
- [Y] EP 1279511 A2 20030129 - CANON KK [JP]
- [X] US 6286945 B1 20010911 - HIGUMA MASAHIKO [JP], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1839879 A2 20071003; EP 1839879 A3 20081112; EP 1839879 B1 20110914; AT E524318 T1 20110915; CN 100551707 C 20091021; CN 101045393 A 20071003; EP 2386414 A1 20111116; EP 2386414 B1 20150225; US 2007229632 A1 20071004; US 8313185 B2 20121120

DOCDB simple family (application)
EP 07105184 A 20070329; AT 07105184 T 20070329; CN 200710092211 A 20070330; EP 11174329 A 20070329; US 72759007 A 20070327